

APPENDIX C

ASSESSMENT TOOLS AND TESTS COMMONLY USED

The Guidelines Committee has made a diligent effort to thoroughly confirm that information regarding each of the assessment tools listed below is correct. However, total accuracy cannot be guaranteed, as items go out of print or the publisher of a tool may change from time to time.

<u>TEST NAME</u>	<u>TYPE OF TEST</u>	<u>DESCRIPTION</u>	<u>AGE</u>	<u>TIME</u>	<u>SCORE</u>	<u>AVAILABLE</u>
AAHPERD Motor Fitness Testing for the Mentally Retarded	Physical Fitness	Includes: arm strength, abdominal strength & endurance, power, agility, speed & endurance	6-21 yrs. Moderately Retarded	Indiv. 20 min. Group 60 min.	Percentile	AAHPERD, 1900 Association Dr., Reston, VA 22091
Adapted Physical Education Assessment Scale (APEAS)	Motor Performance	Test includes: motor development perceptual motor function, motor achievement, posture, fitness	5-18 yrs.	Indiv. 20 min. Group 30 min.	Percentile	Los Angeles USD, 450 N. Grand Ave., Los Angeles, CA 90010
Alberta Infant Motor Scale	Motor Abilities, Early Movement Milestones	58 items performed in 4 positions: prone, supine, sitting, & standing	Birth-18 months	20-30 min.	Criterion Referenced	W.B. Saunders, 6277 Sea Harbor Dr., Orlando, FL 32821
Analysis of Sensory Behavior Inventory Morton/Wolford	Interview &/ or Clinical Observation	Hypo- or hyper-responsivity to sensory input	3 yrs.- adult	15-30 min.	Quantitative Observation	Skills with OT, P.O. Box 1785, Arcadia, CA 91007
Assessment, Evaluation, & Programming System for Infants & Children from Birth to Three Years (AEPS)	Early Movement Milestones, Fundamental Movement Skills, Functional Movement Skills	164 objectives hierarchically organized into 6 curricular domains: fine motor, gross motor, adaptive, cognitive, social-communication	Birth-3 yrs.	15-30 min.	Criterion Referenced	Paul H. Brookes Publ., PO Box 10624, Baltimore, MD 21285-0624
Basic Motor Ability Test	Motor Performance	Nine test items: small and large muscle control, balance, eye-hand coordination & flexibility	4-12 yrs.	Indiv. 15 min. Group 25 min.	Percentile	The Clumsy Child, Arneim, Daniel C.Y. Mosby, St. Louis
Battelle Developmental Inventory (BDI)	Motor Abilities, Early Movement Milestones, Fundamental Movmt. Skills	Identify developmental strengths & weaknesses of children with & without disabilities in infant, preschool & primary programs. Training needed	Birth-8 yrs.	Entire Test 1-2 hrs.	Norm Referenced	DLM, 1 DLM Park, Allen, TX 75002
Bayley Scales of Infant Development II	Standardized	Mental: cognitive, language & social. Motor: fine & gross	Birth-3.5 yrs.	1-1.5 hrs.	Standard Mental Developmental & Motor Index	Psychological Corp., PO Box 839954, San Antonio, TX 78283

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Brigance Inventory of Early Development	Motor Development	Psychomotor skills: locomotor, balance, strength, ball skills, rhythm & fine motor	Birth-7 yrs.	Varies	Criterion Referenced, Age Norms Available	Curriculum Association, Wobum, MA 01801
Brockport	Physical Fitness	Variety of fitness items, include alternative items for individuals with disabilities	10-17 yrs.	Varies	Criterion Referenced	Human Kinetics Publ., PO Box 5076, Champaign, IL 61825-5076
Bruininks-Oseretsky Test of Motor Proficiency	Motor Ability	Gross & fine motor skills: speed, agility, balance, coordination, strength, dexterity, visual-motor, bilateral coordination	4.5-14.5 yrs.	Complete : 45-60 min. Short: 15-20 min.	Age-Based Standard Score	American Guidance Service, Publisher's Building, Circle Planes, MN 55014
Cajon Valley Motor Assessment Instrument	Motor Development, Motor Ability	Gross & fine motor skills measured while student is in various positions. Ability: transferring, maneuvering wheelchair	3 yrs. & up	Indiv. 30-40 min.	Criterion Referenced, Curriculum Related	Cajon Valley School District, 189 Roanoke Rd., El Cajon, CA 92020
California Curriculum for Infants & Toddlers with Special Needs	Norm Referenced	Cognitive, language, social, fine motor, & gross motor	Birth-2 yrs.	Varies	Age Equivalencies	Kaplan School Supply, 1310 Lewisville-Clemmons, PO Box 609, Lewisville, NC 27023
California Physical Performance Test	Physical Fitness	Tests include: body composition, flexibility, endurance, cardio-respiratory endurance, strength	10-18 yrs.	Indiv. 30 min.	Percentile, T-Scores	California State Department of Education, PO Box 944272, Sacramento, CA 94244
Callier Asuza Scale	No Standardization	Assessment for blind & multidisabled children in sensorimotor, cognitive, psychosocial, work, play & self care	Birth-7 yrs.	Not Reported	Not Reported	Robert Stillman, Univ. of Texas, 1966 Inwood Rd., Dallas, TX 75235

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CARE-R Curriculum, Assessment, Resources, Evaluation	Motor Development, Early Movement Milestones, Fundamental Movement Skills & Motor Ability	Curriculum based assessment: gross motor, object control, health & physical fitness, perceptual motor, & fine motor	Birth-17 yrs. Varies for each area	Varies	Age Equivalencies (Age Ranges)	Adapted Physical Education Office/Lincoln Annex, 600 E. Grand Ave., San Gabriel, CA 91778 or L.A. C.O.E., 9300 E. Imperial Hwy., Downey, CA 90242
Carolina Curriculum for Preschool & Special Needs	Norm Referenced	Cognitive, language, social, fine & gross motor	2.5-5 yrs.	Varies	Age Equivalencies	Kaplan School Supply, 1310 Lewisville-Clemmons, PO Box 609, Lewisville, NC 27023
Cratty Six Category Gross Motor Test	Motor Ability, Perceptual Motor	Perceptual-motor functioning involving body perception, agility, balance, throwing & tracking skills	4-11 yrs.	Indiv. 30 min.	Decile, Ranking Converted to Percentile	Perceptual Motor Behavior & Ed. Process, Cratty, Bryant J., Thomas, Springfield, IL
Crawford Small Parts Dexterity Test	Standardized Performance Test	Fine eye-hand coordination for vocational testing	Adolescent-Adult	15 min.	Not Reported	Psychological Corp., 304 E. 45th St., New York, NY 10017
DeGangi-Berk Test of Sensory Integration	Movement Skill Foundations	36 items organized into 3 subdomains: postural control, bilateral integration, reflex integration. Scores can be summed by subdomain or for all items	3-5 yrs.	30 min.	Criterion Referenced	Western Psychological Services, 12031 Wilshire Blvd., Los Angeles, CA 90025
Denver Developmental Screening Test II	Standardized & Normalized	Personal-social, language, gross motor & fine motor	Birth-6 yrs.	15-30 min.	Not Reported	Denver Developmental Medicine, Inc., PO Box 20037, Denver, CO 80220
Developmental Handwriting & Hand Skills Observation (Benboe)	Informal Observation, Structured Observation	Neurodevelopmental sensory & motor function affecting hand skills & handwriting	5 yrs. and up	30-45 min.	Criterion Referenced	Mary S. Benbow, AOTA Publications

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Developmental Test of Visual Motor Integration Beery (VMI)	Norm Referenced	Visual motor	2-15 yrs.	15-30 min.	Age Equivalencies, Standard Scores, Percentiles	Modem Curriculum Press, 13900 Prospect Rd., Cleveland, OH 44136
Erhardt Developmental Comprehension Assessment	Criterion Referenced Informal/Structured Observation	Praxis, reflexes, fine motor, visual motor, & visual perception				Erhardt Developmental Hand Dysfunction, Laurel, MD
Erhardt Developmental Visual Assessment	Referenced & Informal Observation	Sensorimotor visual perceptual	Not Reported	Not Reported	Not Reported	Erhardt Developmental Assessment, Laurel, MD
Evaluation of Motor Development of Infants	Motor Abilities, Early Movement Milestones	34 skills from 4 spheres of movement: head & trunk, sitting, standing, & locomotion	1 month-onset of walking	Not Reported	Criterion & Norm Referenced	Wolanski & Zdanska-Brincken (1973)
Frostig Developmental	Sensory Motor	Areas measured: eye-motor, coordinations, figure-ground, constancy of shape, body perception, spatial relations	4-8 yrs.	Indiv. 30-45 min. Group 50 min.	Perceptual Quotient, Perceptual Age	Consulting Psychologist Press, Inc., 577 College Ave., Palo Alto, CA 94306
Frostig Movement Skills Test Battery	Gross/Fine Motor	Sensory motor, language, perception, higher cognitive, social & emotional development	K-6th grade	Not Reported	Mean & Scaled Score, Standard Deviation	Consulting Psychologist Press, Inc., 577 College Ave., Palo Alto, CA 94306
Revised Gesell Developmental Schedules	Not Reported	Adaptive, language, social, fine motor & gross motor	4 wks.-36 months	30 min.-1 hr.	Age Equivalencies	Developmental Test Materials, 389 Myrtle Ave., Albany, NY 12208
Gross Motor Function Measure (GMFM)	Early Movement Milestones, Fundamental Movement Skills	88 items 5 dimensions: lying & rolling, crawling & kneeling, sitting, standing, walking, running & jumping	Persons with C.P. under 20 years	<1 hr.	Criterion Referenced	Dept. of Pediatrics, Chedoke-McMaster Hosp., McMaster Univ., PO Box 2000, Station A, Hamilton, ON Canada L8N 3Z5

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Gross Motor Performance Measure (GMPM)	Early Movement Milestones, Fundamental Movement Skills	20 items from GMFM, each matched with 5 attributes of performance: alignment, stability, coordination, wt. shift, or dissociation	Persons with C.P. under 20 yrs.	<1 hr.	Criterion Referenced	Dept. of Pediatrics, Chedoke-McMaster Hosp., McMaster Univ., PO Box 2000, Station A, Hamilton, ON Canada L8N 3Z5
Harris Infant Neuromotor Test (HINT) Developmental Edition	Movement Foundation, Early Movement Milestones	Identifying early motor deficits & cognitive delays in infants with known risk factors	3-12 months	<30 min.	Criterion Referenced	School of Rehabilitation Sciences, Univ. of British Columbia, c/o 325-2211 Westbrook Mall, Vancouver, BC Canada V6T 2B5
Hawaii Early Learning Profile (HELP)	Structured Observation & Checklist	Cognitive, language, fine motor, gross motor, social-emotional, & self-help	Birth-3 yrs.	30 min.-1 hr.	Age Equivalencies	VORT Corp., PO Box 60132, Palo Alto, CA 94306
Hughes Basic Gross Motor Assessment	Motor Ability	Gross motor ability, static & dynamic balance, motor coordination, locomotor, eye-hand coordination	5.6-12.5 yrs.	Indiv. 15 min.	Mean Scores	Office of Special Education, Denver, CO 80203
I CAN Instructional Management System	Early Movement Milestones, Fundamental Movement Skills, Specialized Movement Skills	A large set of criterion referenced checklist for many skills	Not Specified	Specific to Checklist	Criterion Referenced	PRO-ED, 8700 Shoal Creek Blvd., Austin, TX 78757-6897
Jacobs Prevocational Skills Assessment	Not Reported	Sensorimotor cognitive psycho-social work skills	Preadolescent & Adolescent Learning Disabled	Not Reported	Not Reported	Jacobs Occupational Therapy Works Related Programs & Assessments, Boston: Little Brown
Jebsen Taylor Function Test	Not Reported	Self help work and fine motor skills	Child-Adoles	Not Reported	Not Standardized	Sand, Taylor Hill, Korsky & Rawlings (1974). "Hand Function in Children With Myelomeningocele," AJOT, 28(2) 87-90

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Koontz Child Developmental Program	Motor Development	Includes performances of skills which lead up primarily to ambulation	Birth-48 months	Varies	Functional Level, Training Activities	Western Psychological Services, 12031 Wilshire Blvd., Los Angeles, CA 90025
Learning Accomplishments Profile (LAP)	Motor Development	Gross motor areas: large muscle coordination, strength, stamina, ambulation, & balance	Birth-72 months	Varies	Criterion Referenced	Chapel Hill - Outreach Prog., U.S. Office of Education, Bureau of Ed. For Handicapped, Washington, D.C.
Michigan Developmental Programming for Infants and Young Children	Criterion Referenced	Personal-social communication, cognitive, self-help, gross motor, fine motor, visual motor & integration	Birth-6 yrs.	30 min.	Age Equivalencies	Univ. of Michigan, Ann Arbor, MI
Milani-Comparetti Motor Development Screening Test	Motor Skill Foundations	27 items in 6 categories of spontaneous motor behaviors and evoked responses	Birth-2 yrs.	4-8 min.	Criterion Referenced	Meyer Children's Rehabilitation Inst., 444 S. 44th St., Univ. of Nebraska Medical Center, Omaha, NE 68131
Miller Assessment for Preschoolers (MAP)	Movement Skill Foundations, Motor Abilities, Early Movement Milestones, Fundamental Movement Skills	27 core indexes scored for 5 scales: neuromaturational, gross/fine/oral motor, language, memory, problem solving & visual perception, & combined abilities	2.9-5.8 yrs.	30 min.	Norm Referenced	Therapy Skill Builders, 555 Academic Court, San Antonio, TX 78204-2498
Minnesota Rate of Manipulation Test	Standardized Performance Test	Manual dexterity for vocational evaluation	13-15 yrs. and up	Not Reported	Not Reported	American Guidance Services, Inc., Publ. Bldg., Circle Pines, MN 55014

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Motor Control Assessment (MCA)	Motor Abilities, Early Movement Milestones, Fundamental Movement Skills	Assessment of motor control of children with physical disabilities. Uses 5 performance areas: supine, prone, sitting, kneeling, standing & standing up, walking & general coordination	2 yrs. and up	30-60 min.	Criterion Referenced	Steel, Glover, & Spasoff (1991)
Motor Development Checklist (MDC)	Early Movement Milestones	Record spontaneous motor Behavior in persons with severe developmental disabilities	Not Reported	Minimum of 10 min.	Criterion Referenced	Central Wisconsin Center for the Developmentally Disabled, 317 Knutson Dr., Madison, WI 53704
Motor-Free Visual Perceptual Test	Sensory Motor	Spatial relationships, visual discrimination, closure, memory figure-ground	4-8 yrs.	Indiv. 10 min.	Perceptual Age Perceptual Quotient	Academic Therapy Publications, Novato, CA
Motor Skills Inventory (MSI)	Movement Skill Foundations	30 items organized into 5 skill areas: body management, locomotor, body fitness, object movement & fine motor. Also a curriculum	3-16 yrs.	Not Reported	Criterion Referenced	American Guidance Service, 44201 Woodland Rd., PO Box 99, Circle Pines, MN 55014-1796
Movement Assessment Battery for Children Checklist (MABC)	Motor Abilities, Fundamental Movement Skills, Specialized Movement Skills	Used to screen children for possible movement problems, identify children for special services, & research	5-11 yrs.	1-2 wks.	Criterion Referenced	Therapy Skill Builders, 555 Academic Court, San Antonio, TX 78204-2498
Movement Assessment Battery for Children Test (MABC Test)	Motor Abilities, Fundamental Movement Skills, Specialized Movement Skills	32 items organized into a 4 (age level) x 8 (performance category) matrix	4-12 yrs.	20-40 min.	Percentiles	Psychological Corp., Order Service Center, PO Box 839954, San Antonio, TX 78283-3954

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Movement Patterns Achievement Profile	Motor Development	Observation & evaluation: locomotor, jumping, climbing, throwing, catching, balance, & body image	2-6 yrs.	Indiv. 30 min.	Motor Age	<i>They Need to be Carefully Taught</i> , Evans, Jane R., AAHPERD, 1980
Ordinal Scales	Motor Development	Tests through various substages: strength, mobility, coordination, balance	Birth-11 yrs.	Varies	Age Norm	FOREWORKS, Box 9747, North Hollywood, CA 91609
Ohio State Univ. Scale of Intra-Gross Motor Assessment (SIGMA)	Fundamental Movement Skills	Skills tested: walking, stair climbing, running, jumping, hopping, skipping, ladder climbing, throwing, catching, striking, kicking	2-14 yrs.	Not Reported	Criterion Referenced	Tichenor Publ., PO Box 669, Bloomington, IN 47402-0696
Peabody Developmental Motor Scales	Standardized	Gross & fine motor	Birth-6.5 yrs.	30 min.-1 hr.	Age Equivalencies	DLM Teaching, One DLM Park, Allen, TX 75002
Pediatric Evaluation of Disability Inventory (PEDI)	Self-Administered Questionnaire	Functional skills, self-care, mobility, & social function	3-18 yrs.	30 min.-1 hr.	Scaled Score Age Norms	PEDI, New England Center Publ., Boston (1992)
Physical Best	Physical Fitness	Includes tasks for fitness testing & prudential fitness gram	5-17 yrs.	30-60 min.	Percentiles	AAHPERD, 1900 Association Dr., Reston, VA 22091
Project Unique	Physical Fitness	Skills modified for orthopedic and sensory imparied	5-17 yrs.	30-60 min.	Percentiles	Human Kinetics Publ., PO Box 5076, Champaign, IL 61825-5076
Purdue Perceptual Motor Survey	Sensory Motor	Areas tested: balance, posture, body image, motor match, ocular control, form perception	6-10 yrs.	Indiv. 45 min.	Means, Standard Deviations	Charles E. Merrill Publ. Co., 1300 Alum Creek Dr., Columbus, OH 43216
Quick Neruological Screening Test	Sensory Motor	Indicates need for further testing in motor development, muscular control, motor planning, perceptual motor skills	5 yrs. & up	Indiv. 25 min.	Number Score to Use on Chart	Jastak Associates, inc., 1526 Gilpin Ave., Wilmington, DE 19806

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Stanford Functional Developmental Assessment	Motor Development	Gross motor development: coordination/strength, balance, locomotion, visual motor	Birth-12 yrs.	Varies	Age Norm	Physically Handicapped Children, Bleck, Eugene, M.D. Grune & Stratten, FL
Test of Gross Motor Development II (TGMD-II)	Motor Development	Provides performance criteria for different locomotor skills & object control skills	3-10 yrs.	Indiv. 15 min.	Percentile, Standard Score	ProEd, 5341 Industrial Oaks Blvd., Austin, TX 78735
Test of Visual Perceptual Skills (n-m) Revised (TVPS-R)	Visual-Perception Using Non-Motor Response	Standardized & normed test, dev. for professionals to determine a subject's visual perceptual strengths & weaknesses based on non-motor visual perceptual testing	4.1-13 yrs.	9-25 min.	Visual-Perceptual, Standard Score T-Score	Psychological & Educ. Publ., Inc., PO Box 520, Hydesville, CA 95547-0520
Test of Visual Perceptual Skills (non-motor) Upper Level (TVPS-UL)	Visual Perception Using Non-Motor Response	A standardized & normed test, developed for professionals to determine a subject's visual perceptual strengths & weaknesses based on non-motor visual perceptual testing	12-18 yrs	Varies	Stand. Scores Scaled Score, T-Score, Percentile Rank, Stanine	Psychological & Educ. Publ., Inc., PO Box 520, Hydesville, CA 95547-0520
Top-Down Motor Milestone Test (TDMMT)	Early Movement Milestones, Fundamental Movement Skills	74 skills organized into 16 sitting, standing, & walking skill heading	Infant-young adult	15 min	Criterion Referenced	MOVE International, 1300 17th St., City Centre, Bakersfield, CA 93301
Transdisciplinary Play Based Assessment	Early Movement Milestones, Fundamental Movement Skills	6 phases: unstructured facilitation, structured facilitation, child-child interaction, parent-child interaction, motor play & snack	Birth-72 months	Varies by phase	Criterion Referenced	Paul H. Brooks Publishing, PO Box 10624, Baltimore, MD 21285-0624
Visual Motor Integration	Sensory Motor	Measures the ability to copy different shapes: horizontal & vertical lines, circles, crosses, squares, etc.	2-15 yrs.	Group: 15-20 min.	Age Norm	Follett Educational Corp., 1018 W. Washington Blvd., Chicago, IL 60607

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Vulpe Assessment Battery (VAB)	Movement Skill Foundations, Early Movement Milestones, Fundamental Movement Skills	Designed for children with disabilities, 8 subtests: basic senses & functions, gross motor, fine motor, language behaviors, cognitive processes, organization of behavior, activities of daily living & the environment	Birth-6 yrs.	1 hr.	Criterion Referenced	National Inst. On Mental Retardation, Kinsmen/NIRNR Bldg., 4700 Keele St., North Yorke, ON Canada M3J 1P3